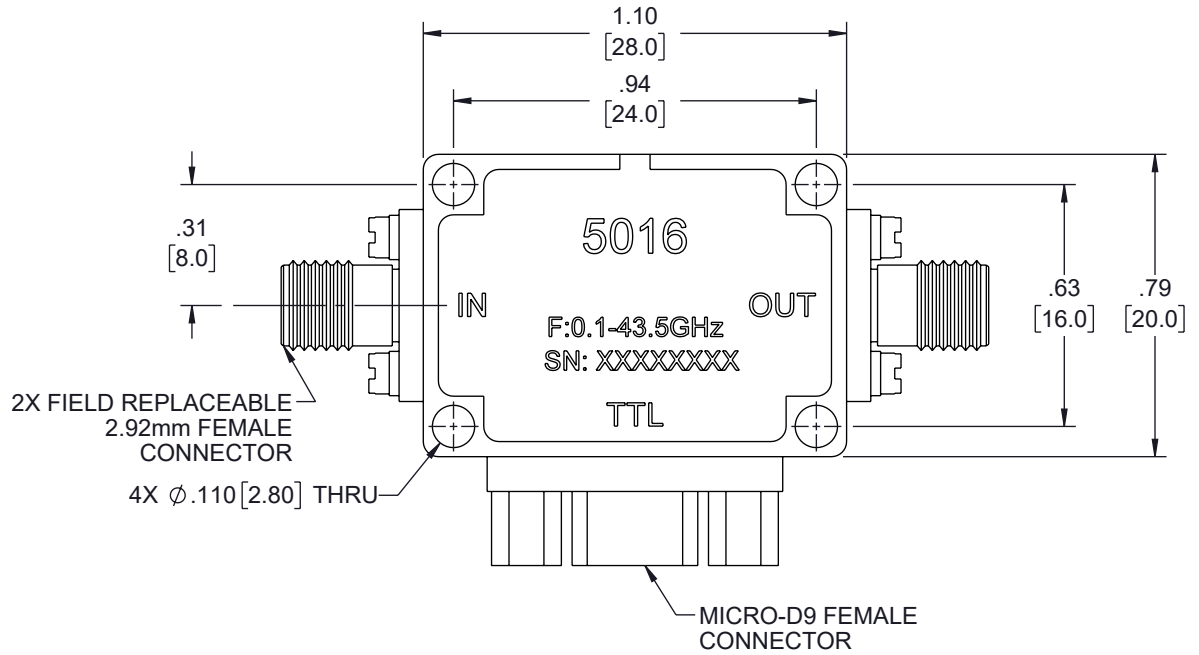
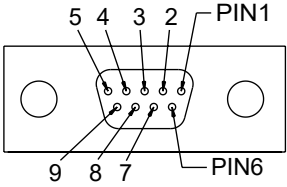


6 5 4 3 2 1

REVISION					
ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	02/02/2023	HBAKKE	TGALLA

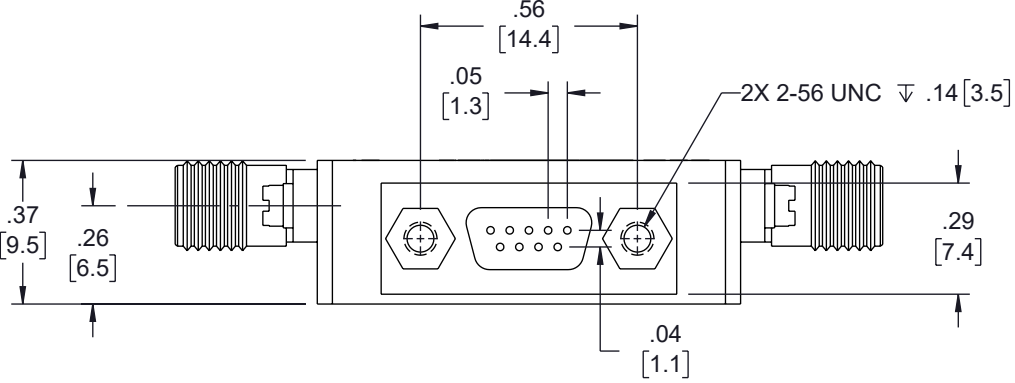


TRUTH TABLE					
TTL CONTROL VOLTAGE					LOW (0)=0~0.8V
					HIGH (1)=2.8~5V
TTL CONTROL INPUT					ATTENUATION STATE
C5	C4	C3	C2	C1	REFERENCE IL
1	1	1	1	1	0.5dB
1	1	1	1	0	1dB
1	1	0	1	1	2dB
1	0	1	1	1	4dB
0	1	1	1	1	8dB
0	0	0	0	0	15.5dB



1 2 3 4 5 6 7 8 9  
+5V -5V GND C1 C2 C3 C4 C5 NC

**MICRO-D9(Female)**



UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
.X = ±.2 [5] FRACTIONS  
.XX = ±.02 [.5] ± 1/32  
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
>12 [305] = +1 [25] / -0  
>12 [305] ≤ 60 [1524] = +2 [51] / -0  
>60 [1524] ≤ 120 [3048] = +4 [102] / -0  
>120 [3048] ≤ 300 [7620] = +6 [152] / -0  
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE.



Website: [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com)  
Phone: 1.800.715.4396 | 1.972.649.6678

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION  
**7 Bit TTL Controlled Absorptive Programmable Attenuator, 15.5 dB, 100 MHz to 40 GHz, 0.5 dB Step Size, 2.92mm**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	HBAKKE	FMAT5016	A

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

6 5 4 3 2 1